



Canadian Mineral Analysts / Analystes canadiens des minéraux

Communicate analytical technologies in the Canadian mining industry  
Communiquer les technologies analytiques dans l'industrie minière Canadienne

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# NEWSLETTER

December 2020

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## Message from the Managing Secretary

The Canadian Mineral Analysts (CMA) wishes everyone a healthy, safe and prosperous 2021! Let's hope we can put the COVID-19 pandemic behind us so we can get back to our regular personal, family and business lives!

In 2020, the 52<sup>nd</sup> Annual CMA Conference and Exhibition scheduled for mid-October was cancelled due to the COVID-19 pandemic. Regretfully, we have also made a decision at this early date to cancel the 53<sup>rd</sup> Annual CMA Conference and Exhibition scheduled for October 2021 in Pointe Claire (Montréal), Québec. The next CMA Conference and Exhibition which will be the 54<sup>th</sup> Annual is planned for October 16 – 20, 2022 in Pointe Claire (Montréal), Québec. There's no doubt that everyone will be anxious to meet in Montréal in 2022!

The CMA wishes to thank individuals who have taken out a 2020-2021 CMA membership, and the eleven 2020-2021 corporate members for their support. The CMA is your organization and your support is important to the financial viability of the CMA, particularly at this time when no revenue is being generated due to the cancellation of the CMA Conferences in 2020 and 2021. It's not too late to take out a 2020-2021 individual membership or become a 2020-2021 corporate member. Details about membership can be found on page 18 of this Newsletter.

Hope you enjoy this edition of the CMA Newsletter. Feel free to distribute the Newsletter. Everyone is encouraged to submit contributions for the next Newsletter scheduled for the summer of 2021.



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**Announcement**  
**53<sup>rd</sup> Annual Canadian Mineral Analysts (CMA)**  
**Conference and Exhibition**

October 17 – 21, 2021  
Holiday Inn & Suites, Pointe Claire, Québec

**CANCELLED DUE TO COVID-19 PANDEMIC**

Due to the COVID-19 pandemic, the CMA and Conference host, SCP Science, has made a tough decision at this early date to cancel the 2021 CMA Conference and Exhibition, scheduled to be held in Pointe Claire, QC, on October 17 – 21, 2021. Given the current circumstances it does not look like there will be a 100% degree of certainty that it will be safe, by October 2021, to hold the Conference. The virus continues to spread, new strains of the virus are more virulent and spreading quickly, and stricter lockdowns and travel restrictions are being imposed. Social distancing and restrictions on the size of indoor gatherings may still be an issue in October 2021. The rollout of the vaccinations is not taking place at a pace that would see everyone vaccinated by October 2021. CMA and SCP Science wants to be reassured that there are no restrictions on preventing anyone from attending the Conference. CMA and SCP Science do not want to move ahead with the planning of the Conference only to be faced with cancellation.

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**Announcement**  
**54<sup>th</sup> Annual Canadian Mineral Analysts (CMA)**  
**Conference and Exhibition**

October 16 – 20, 2022  
Holiday Inn & Suites, Pointe Claire, Québec  
Hosted by SCP Science

The 2022 54<sup>th</sup> Annual CMA Conference and Exhibition is tentatively scheduled to be held in Pointe Claire, QC, on October 16 – 20, 2022 at the Holiday Inn & Suites, 6700 Trans Canada (Route 40), 11 km from the Pierre Elliot Trudeau International Airport.

SCP Science is host for the Conference, with George Feilders being the Conference Chair. As information about accommodation, delegate registration, exhibitor booths, sponsorship, submission of technical presentations, workshops, tours and social program is finalized, this information will be posted on the Conference website starting in the latter part of 2021.



Manufacturers of products for Atomic Spectroscopy & Environmental Chemistry

2020 - 40<sup>th</sup> Anniversary Year

ISO 9001 Certified - ISO 17025 / 17034 Accredited

SCP Science – Host of the 54<sup>th</sup> Annual CMA Conference and Exhibition



Conference Hotel – Holiday Inn & Suites, Pointe Claire, Québec

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## **Cancellation of the 52<sup>nd</sup> Annual CMA Conference and Exhibition**

The 2020 52<sup>nd</sup> Annual CMA Conference and Exhibition, scheduled for October 18 – 22, 2020 in Montreal, Québec, was cancelled due to the COVID-19 pandemic. This was the first time in the 52-year history of CMA Conferences that one had to be cancelled.

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## **Cancellation of the CMA Annual General Meeting**

Since there was no 2020 CMA Conference and Exhibition, the CMA Annual General Meeting, scheduled for Wednesday, October 21, 2020, was not held.

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## **CMA Managing Secretary Report**

September 1, 2019 – August 31, 2020

Highlights of the CMA Managing Secretary report for the period September 1, 2019 to August 31, 2020 include:

- Sean Murry will continue as CMA Treasurer, and Ed Debicki will continue as CMA Managing Secretary.
- Sean Murry, Ed Debicki and Jonathan Forrest will continue as the Steering Committee to 1) identify organizations to host the annual CMA Conference, 2) review and approve applications for scholarships, and 3) review and approve equipment/instrument funding and program funding.
- Sean Murry provided the CMA Financial Statement (see below), and indicated the CMA is in good financial shape.
- Membership dues for 2019-2020 will remain unchanged for individual (\$50), student, retired and inactive (\$25), and corporate (\$500) members.

- For the 2019 – 2020 membership year ending August 31, 2020, there were 62 CMA individual memberships, 3 lifetime memberships and 6 corporate memberships: 1) New Gold Inc. – New Afton Mine, 2) Romquest Technologies Corp., 3) Independent Laboratory Supplies Americas Ltd., 4) Scott Technologies Inc., 5) Activation Laboratories Ltd., and 6) Prolite Systems Inc.
- The ‘Members Only’ web page was updated with the addition of the delegate and exhibitor lists, technical papers, and photographs for the CMA Conference and Exhibition held in Niagara Falls, September 15 – 19, 2019. The username and password required to access the ‘Members Only’ page were sent to current members and CMA Conference attendees.
- Revisions and updates to the CMA website were done in collaboration with the CMA webmaster.
- The CMA Facebook page was inactive and received very few visits.
- CMA advertising and communication included updates to the CMA website and publication of two CMA newsletters.

## **CMA Financial Statement**

September 1, 2019 – August 31, 2020

**Comments for the 2019-2020 CMA Financial Statement** (Prepared by Sean Murry, CMA Treasurer).

1. The CMA is in reasonably good financial shape.
2. The 2019 Conference held in Niagara Falls, ON, while it was successful in terms of the venue and presentations, was disappointing on the financial side. ColdBlock Technologies, Agilent, Agat Laboratories and BioLinc were thanked for serving as Conference hosts.
3. The CMA’s finances are thinner than has been experienced in the past as a result of the 2019 Conference finances, and the cancellation of the 2020 Conference due to the COVID-19 pandemic. A withdrawal of \$5,792 from the CMA’s GIC was made leaving \$20,000 in the GIC and \$12,000 in the CMA bank account.
4. Eight \$1,000 scholarships were awarded to students at Canadian colleges (see article in this Newsletter). For 2021 consideration is being given to scaling back on the traditional number of CMA scholarships given to students in fire assaying and chemical engineering technology in Canadian colleges.

## **People on the Move**

	<p><b>Don Thompson</b></p> <p>Formerly with SCP Science in Baie-D’Urfé (Montréal), QC, Don has joined LaboGeonics in Laval, QC as Sales Person.</p>
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## Kurt Headrick

Formerly with Bureau Veritas Laboratories in Mississauga, ON, Kurt has joined Sudbury Integrated Nickel Operations, a Glencore Company in Sudbury, ON as Chief Chemist.

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Submit Your Notices for 'People on the Move': If you have a notice about a CMA member or colleague who has changed employers that you would like to appear in a CMA Newsletter, please forward a photo or two and a brief write-up to Ed Debicki, CMA Managing Secretary.

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## In Memoriam – Derrik Harrison

September 6, 1953 – May 15, 2020



Glen Graham (left), Derrik Harrison (centre) and Sean Murry (right) at VWR / Anachemia Booth at 2018 CMA Conference in Rossland, BC



Derrik Harrison



Derrik Harrison (left), Sean Murry (centre) and Glen Graham (right) receiving plaque for the VWR / Anachemia Best Exhibit Booth at 2018 CMA Conference in Rossland, BC

Derrik ('Deke') Harrison joined North American Scientific Chemicals (NASC) in 1976, and was based in Calgary. Not long after he joined NASC, the company was bought by Chemonics Scientific. In order to help the company expand its reach in Western Canada, Deke moved to a newly established office in Edmonton. He moved again when Chemonics opened a new office in Winnipeg. In 1989 Deke moved to Vancouver, about the same time that Chemonics was bought by Anachemia. In 2011, Anachemia was purchased by VWR International.

During his employment with VWR Deke filled the roll of warehouse manager, inside sales, office manager and finally as Exports Manager for VWR's mining products. He was basically a jack of all trades. Deke loved the CMA and looked forward to participating at the annual Conference, getting dressed up in whatever was required to suit the theme VWR had chosen for that year.

Deke retired in 2019 and passed away on May 15, 2020 after a lengthy battle with cancer. He is survived by his wife (Brenda), one son, two step-daughters, and his five brothers and sisters.

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## Retirement – Jonathan Forrest



Jonathan Forrest (left), Bruce Weakland (centre) (Herzog) and Ed Debicki (right) (CMA) at 2015 CMA Conference, Ottawa, Ontario



Jonathan Forrest



Jonathan Forrest (left) presenting Best Exhibit Booth award to Sean Murry (right), VWR / Anachemia at 2015 CMA Conference, Ottawa, Ontario

Following a 15-year career, Jonathan Forrest retired on October 15, 2020 from his position as Manager, Assay Services with The Royal Canadian Mint in Ottawa, Ontario. Jon started his career on the east coast, and in 1974 – 1975, worked for McIntyre Mines in Timmins, Ontario as fire assayer. Bill Clifford, who was an avid supporter of the CMA, enticed Jon away from McIntyre to work Dome Mines in 1976 – 1977 and 1998 – 2005 as Chief Assayer before joining The Royal Canadian Mint on October 1, 2005. Jon also worked for Detour Mines in 1982 – 1983.

Jon has been a strong supporter of the CMA. For the past several years he has been a volunteer on the informal CMA executive to approve scholarships, equipment grants and program funding grants, a role which Jon will continue to partake in during his retirement.

In 2007 and 2015, the CMA Conference and Exhibitions were held in Ottawa, Ontario with Jon serving as the Conference Chair on both occasions. Both Conferences are memorable for their technical program, workshops, exhibitor area, laboratory tours and social events.

Maureen Leaver, Coordinator, Canadian Certified Reference Materials Program (CCRMP) had the pleasure of working with Jon on the organizing committees for both Ottawa CMA Conferences and provided the following comment: *“Jonathan Forrest made a profound contribution to the communication of analytical technology in the Canadian mining industry and worldwide. Jon’s career spanned Canadian gold mining laboratories on the east coast and in northern Ontario, and as the last chapter, The Royal Canadian Mint. Additionally, he was an auditor and contributed to several international committees. As Chairperson for the organization of two conferences of the Canadian Mineral Analysts, Jon put forth a super effort. No job was too big or too small. He tackled the many details required to make a successful conference for the benefit of all, and always had a smile. During conferences, he was an invaluable resource, and facilitated contacts for analytical expertise and equipment. His dedication to promoting quality in analytical chemistry related to the mining industry has left a large and lasting legacy.”*

The CMA thanks Jon for his volunteer service to the CMA and wishes him a happy retirement!

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## Retirement – Scott Daniels



Scott Daniels (left) receiving the Best Golfer Award from Nick Kuryluk (right) at the 2019 CMA Conference, Niagara, Falls, ON



Scott Daniels



Scott Daniels (centre) and Richard Bredl (right) receiving a Certificate of Appreciation from Nick Kuryluk (left) for their roles in hosting the 2018 CMA Conference in Trail / Rossland, BC.

Scott Daniels retired from Teck's Trail Operations on January 21, 2021 as Superintendent, Analytical Services, a position he held since 2003 (17 years). Prior to that he was an Analytical Chemist with Teck in 2000 – 2003 (3 years). During 1998 – 2000 (2 years), Scott was an instructor at University of Regina preceded by being an Assistant Professor at Acadia University in 1993 – 1998 (5 years).

Scott was a great supporter of the CMA, and served as the CMA Conference Chair (2010) and Conference Treasurer (2018) for the CMA Conferences held in Trail / Rossland, BC. Both Conferences were huge financial successes which is a tribute to Scott's organizational skills.

As far as retirement goes, Scott wants to continue his extended motorcycle tours not just in North America but throughout the world. He has already completed one in south-east Asia. Perhaps his motorcycle tours will be restricted to keeping in shape by using his newly purchased road bike (pedal bike). He will continue to enjoy skiing and golfing. There is one funny story about Scott's golfing career in that he forgot to put the golf cart in park, and it rolled into the pond at the Rossland Country Club.

Upon his retirement, Scott sent out an e-mail blast to all his colleagues: *"I'm retiring! In a manner of speaking, writing this farewell feels somewhat like writing an obituary, or perhaps a wedding toast: have to get it right! After a fond and memorable academic career that didn't get me out of "school" until I was 37 years old – guess I mustn't have been the sharpest knife in the drawer, and after slightly more than 20 happy and rewarding years with Cominco, Teck Cominco, now Teck, a plan that was set in motion twenty years ago for retirement by early 2021 is now ready for action. Gratifying and rewarding volunteer work with a number of charitable and not-for-profit organizations will continue.*

*There is a long list of you that I have to thank for making my retirement possible. I am thankful for my past academic colleagues and friends, research supervisors in Ottawa and Belgium under whom a career in analytical chemistry started, hundreds of students whose lives I hopefully didn't screw up too much, many employees, colleagues and bosses who put their trust in me to oversee the Analytical Services business area at Teck's Trail Operations, lab instrument manufacturers and vendors, and many family and friends who stood in the wings wondering, "does he have any idea what he's doing?" Without having had a few careers, I'd have nothing to retire from. So, to all of you I offer my sincere thanks for years of trust, confidence and support."*

Richard Magner, who has taken over from Scott sent a few remarks about Scott: *"He has been a great asset to Analytical Services and a good mentor for myself. Under his watch he was able to assemble functional enjoyable teams to bring the CMA conference to Trail in 2010 and 2018. I am hoping I picked up some of his good organizational habits along the way and continue to be a part of the CMA."*

The CMA wishes Scott all the best in his retirement with an expectation that he will take lessons on how properly put a golf cart in park when he is near a lake or pond on the golf course!

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## **Retirement – Johan Beetge**



Johan Beetge



Johan Beetge (centre), Scott Daniels (left) and Wayne Gretzky Winery employee (right) during Winery Tour, 2019 CMA Conference, Niagara Falls, ON

Johan started his career as a Junior Chemist with Rio Tinto Mining in South Africa, followed by 10 years in wastewater treatment and industrial effluent control and purification with the City of Johannesburg. In between, he attended the University of the Witwatersrand, an institution that played an integral role in determining the direction his life would take. After moving to Canada, Johan started working for Vale (Inco at the time) as Project Metallurgist in the nickel refinery and ended up as Chief Chemist of Manitoba Operations. He didn't start in the Chemistry group but got there as fast as he could! At the time when rumours started that Manitoba Operations was going to start scaling back and eventually shut down, he had an opportunity to relocate to Sudbury to join Xstrata as Chief Chemist. Xstrata became Glencore and now after 12 years in Sudbury, he will be retiring at the end of March 2021. Johan is happy to let you know that his replacement will be Dr. Kurt Headrick who is well known in CMA circles. Kurt's membership of CMA was the deciding factor in the hiring decision (just kidding).

After retirement, Johan and his wife Laurie would like to visit friends and family in Africa once COVID-19 has been taken care of. Johan and Laurie have also in the past got great pleasure from riding their motorcycles while touring the back country and small towns in the USA and Canada, and spending time at their cabin in the bush on Manitoulin Island. They hope to continue these activities.

Johan mentioned that he always enjoyed attending CMA Conferences, and it was a date each year that would go into his calendar as soon as it was available so he could plan the rest of his activities around Conference dates. He feels that he been fortunate to meet many great people through CMA and he wishes everyone the best for the future!

The CMA wishes Johan a happy retirement and many great motorcycle riding adventures!

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**Submit Retirement Notices:** If you have a retirement notice that you would like to appear in a CMA Newsletter, please forward a photo or two and a brief write-up to Ed Debicki, CMA Managing Secretary.

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# **2020 CMA Scholarship Awards**

The CMA awards \$1,000 scholarships annually to students enrolled in chemical engineering technology or fire assay programs in qualified Canadian colleges and universities. In most years up to six \$1,000 scholarships can be awarded. Four scholarships are named in honour of James Tweed, Bill Clifford, Ian Devereux and Eric Hoffman. With the demise of the BC Certified Assayers Foundation applications are no longer received from the Foundation.

In 2020, eight \$1,000 scholarships were awarded to eight students at three Canadian colleges: four at British Columbia Institute of Technology (BCIT) in Surrey, BC, two at Cambrian College in Sudbury, ON and two at CÉGEP in Sept-Îles, QC.

## **BCIT Scholarships:**

- James Tweed Scholarship: Jun Yeob (Edward) Song (see below for 'Thank You' letter)
- Eric Hoffman Scholarship: Dhanbir Nair
- Ian Devereux Scholarship: Kangwoo An
- Bill Clifford Scholarship: Valiant Louis Luz (see below for 'Thank You' letter)

## **Cambrian College Scholarships:**

- Unnamed Scholarship: Amit Chaudry (see below for 'Thank You' letter and photo)
- Unnamed Scholarship: Tara Mainville (see below for 'Thank You' letter and photo)

## **CÉGEP Scholarship:**

- Unnamed Scholarship: Paul Landry (see below for photo)
- Unnamed Scholarship: Pier-Carl Berthelot-Fortin (see below for photo)

Thank-you letters were received from four of the eight students. The four letters, reprinted below, sincerely express their gratitude in receiving a CMA scholarship. Photos were received from the four students at Cambrian College and CÉGEP.

### **Thank You Letter from the Recipient of the 2020 CMA James Tweed Scholarship Award**

July 1st, 2020

Canadian Mineral Analysts Association (CMA)  
629 Ester Street, Sudbury, ON P3E 5C6

Dear CMA,

I am writing to thank you for your generous The James Tweed CMA Award Scholarship. I am very honoured to be the recipient of this award.

I have studied in Chemical and Environmental Technology program at BCIT for 2 years and graduated this June.

Now I start to work as a QC Lab Technician for a recycling company.

The financial assistance you provided will be of great help to me in living here Vancouver with my family amid this pandemic.

Thank you again for your thoughtful and generous gift.

I promise I will work hard and contribute to our society as a laboratory specialist.

Sincerely,

Jun Yeob (Edward) Song  
2644 Woodbine Dr. North Vancouver, BC V7R 2R8

Thank You Letter Received From Recipient of 2020 CMA Bill Clifford Scholarship Award

October 20, 2020

Awards Coordinator  
BCIT Foundation  
Building SE40, Room 230  
3700 Willingdon Avenue  
Burnaby, BC, V5G 3H2

Dear Awards Coordinator,

I am writing to thank you for The Bill Clifford CMA Award for \$1000. I was very happy and grateful to learn that I was selected as the recipient for this award.

Currently, I am enrolled into the Chemical and Environmental Technology Program in the British Columbia Institute of Technology. I am doing the Process option of the program as I would like to learn more about the development of processes and its application to modern factories and industries. This program will help me start a career in industry related professions and I also hope to continue my education after a year of work to achieve a Bachelor Degree in Science. I believe I can complete these goals with your financial help and for that I am thankful.

By awarding me with The Bill Clifford CMA Award, you have lightened my financial burden which will help me focus more on my studies and gain more knowledge in this school. Your generosity will be put to great use as I continue my education and work hard into pursuing my goals. I hope that I may one day be able to help prospective students, just as you have helped me, later on in the future.

Sincerely,

Valiant Louis P. Luz  
26-6116 128th Street  
Surrey, BC, V3X 1T1



Tara Mainville (left) and Amit Chaudry (right) receiving their 2020 CMA scholarship cheques from Hadi Fergami (teacher) at Cambrian College, Sudbury, Ontario

### Thank You Letter Received From Recipient of 2020 CMA Scholarship Award

December 12, 2019

Dear CMA Award Members,

I'm writing to express my gratitude for receiving the CMA Scholarship this year. I was delighted to hear that I'd been selected as the recipient of this award and am very appreciative of this honour.

As a student with the Chemical Engineering Technology Program at Cambrian College, I've gained valuable experience from volunteering and participating in program and college activities. I also developed a keen interest in the mineral processing courses of the program, which allowed me to study as my technical project, "Different Methods of Separating Copper and Nickel from Glencore Sulfide-Bearing Ores".

The financial support of this award will help me reach my goals as I start my final placement at Lake Shore Gold in Timmins, Ontario. I will be starting my coop placement in January of 2020 as a laboratory analyst in the Metallurgy Department.

This award will help ease the financial burdens of my student loan, living costs, as well as moving expenses to Timmins at the end of this month.

I'm genuinely grateful for your generosity and support.

Sincerely,  
Tara Mainville

Thank You Letter Received From Recipient of 2020 CMA Scholarship Award

To: Canadian Mineral Analysts

Date: 12 December 2019

From: Amit Chaudhary, [ameetcdy43@gmail.com](mailto:ameetcdy43@gmail.com)

Subject: Thank you – Canadian Mineral Analysts Scholarship

Dear Selection Committee,

I want to thank you for granting me the CMA scholarship this year. I am an international student pursuing my studies at Cambrian college of Applied Arts and Technology in the Chemical Engineering Technology program. I am currently enrolled in 2<sup>nd</sup> year of a three-year program. My goal is to complete this program debt free and gain valuable knowledge to apply in my future career.

It is a pleasure to express the joy of getting an opportunity to study and develop my carrier goals in Canada. Being an international student, I experience many financial challenges, such as high tuition fees and living expenses. This award will directly go towards my next semester fees, which will help me focus on my studies than working off-campus.

This opportunity is an excellent motivation for me to maintain a good GPA in my academics. It fills me with more positive energy for helping and volunteering on any on-campus or any other organizational programs. As a scholarship recipient, I look forward to giving back to the Canadian mineral field once I finish my program. Soon, I see my self serving the community with my knowledge and hopefully creating a better and sustainable future for our environment.

Your generosity is highly appreciated, and it means a lot to me.

Regards,

Amit Chaudhary  
Student of Chemical Engineering Technology  
Cambrian College, Sudbury, ON



Paul Landry (second from left) and Pier-Carl Berthelot-Fortin (second from right),  
2020 CMA Scholarship Award recipients at CÉGEP in Sept-Îles, Québec  
Teacher, Annie Lévesque, is at the right  
Unidentified: teacher (left) and two other non-CMA student prize winners (third and fourth from left)

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## **Meet the CMA Webmaster: Anna Sawicki**



Anna Sawicki with her horse Grace and dog Koda  
Photo Credit: Tina Sawicki (Anna's sister)  
View some of Tina's photos at: <https://toseewhatisee.com>)

In 2001, during the CMA Conference and Exhibition held in Kirkland Lake, Ontario, the then CMA Managing Secretary, John Gregorchuk, had a chance meeting with Anna Sawicki, owner and webmaster of Internet Web DeZines ([www.internetwebdezines.com](http://www.internetwebdezines.com)). As a result of the meeting, the CMA website was born. Anna has maintained the CMA website ever since.

Anna is a true lover of animals. In the photo to the left is her horse Grace and dog Koda. The horse is a Polish Arabian breed that gets its blotchy spots from flea bites. This breed of horse can be born chestnut, bay or black. Although Anna did not have the horse when it was young but figures it was likely bay coloured at birth. These blotchy spots can disappear in some horses. The dog is a 75-lb. malamute–Tibetan mastiff mix that was rescued by Anna at an age of 6-months. Anna also has a cat named Mika which is tortoise shell coloured. Lately, Anna has adopted an archangel pigeon which moved into the carport and has never left.

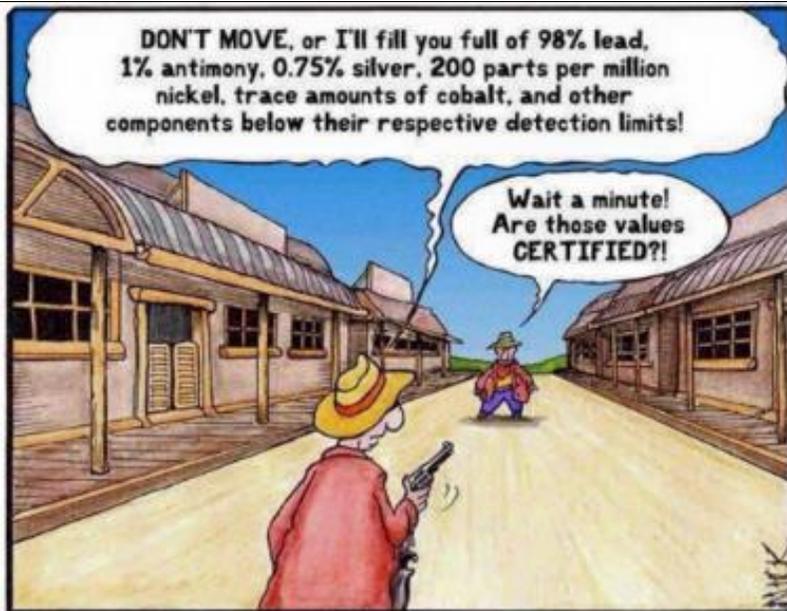
One of Anna's other interests is making horse-hair jewellery. Some of her creations can be viewed at: [www.horsehairjewellery.net](http://www.horsehairjewellery.net)

Anna resides in New Liskeard, Ontario with her spouse, Claude. She has a daughter named Sahara and a grandson named Octavious.

A heart-felt thanks goes out to Anna for looking after the CMA website for the past 20 years! In the near future, the CMA will give consideration to having the website updated so it is mobile friendly.

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## Lab Humour



*Analytical Chemists in the Wild West*

What do you do with a sick laboratory worker?  
If you can't helium, and you can't curium, then you might as well barium.

"If you are not part of the solution, then you must be the precipitate"  
(Globe and Mail, October 23, 2003)

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## 2019 - 2020 CMA Corporate Members

Corporate Membership in the CMA runs from September 1<sup>st</sup> to August 31<sup>st</sup> of the following year. The annual Corporate Membership fee is CDN\$500. For information on CMA Corporate Membership, including benefits of Corporate Membership, visit the CMA website or contact Ed Debicki, Managing Secretary.

Thanks to the eleven 2020-2021 CMA Corporate Members for their support.

The contact information for each Corporate Member and a link to their website is provided below. Please support these CMA Corporate Members and thank them for supporting the CMA:

1. Prolite Systems Inc.
2. Scott Technologies Inc.
3. Analytik Jena US LLC
4. Covia Canada Inc.
5. Laval Lab Inc.
6. OREAS North America Inc.
7. SGS Canada Inc.
8. Teck Metals Ltd. – Analytical Services
9. Bruker AXS LLC
10. Independent Laboratory Supplies Americas Ltd.
11. LGC ARMI



Prolite Systems Inc.  
20127 113B Avenue  
Maple Ridge, BC V2X 0Z1 Canada  
Tel. (604) 460-8250  
Contact: Brad Warning, President  
E-mail: [brad@prolitepiping.com](mailto:brad@prolitepiping.com)  
Website: [www.prolitepiping.com](http://www.prolitepiping.com)



Scott Technologies Inc.  
Rocklabs Automation Canada Ltd.  
973 - 3<sup>rd</sup> Street West  
North Vancouver, BC V7P 1E4 Canada  
Tel. (604) 770-4204  
Contact: Adrian Garcia, Director  
E-mail: [agarcia@scottautomation.com](mailto:agarcia@scottautomation.com)  
Website: [www.scottautomation.com](http://www.scottautomation.com)



An Endress+Hauser Company

Analytik Jena US LLC  
234-N - 100 Cummings Center  
Beverly, MA 01915-6235 U.S.A  
Tel. (781) 376-9899  
Contact: Siqi Sun, Marketing Specialist  
E-mail: [siqi.sun@us.analytik-jena.com](mailto:siqi.sun@us.analytik-jena.com)  
Website: [www.analytik-jena.us](http://www.analytik-jena.us)



Covia Canada Ltd.  
260 Unimin Road  
Havelock, ON K0L 1Z0 Canada  
Tel. (705) 877-2212  
Contact: Duncan Shaw, Quality Control and  
Environmental Supervisor  
E-mail: [duncan.shaw@coviacorp.com](mailto:duncan.shaw@coviacorp.com)  
Website: [www.coviacorp.com](http://www.coviacorp.com)



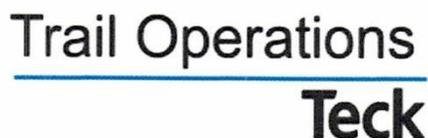
Laval Lab Inc.  
2567 Chomeday Boulevard  
Laval, Québec H7T 2R2 Canada  
Tel. (450) 681-3883  
Contact: André Labrecque  
Chief Executive Officer  
E-mail: [alabrecque@lavallab.com](mailto:alabrecque@lavallab.com)  
Website: [www.lavallab.com](http://www.lavallab.com)



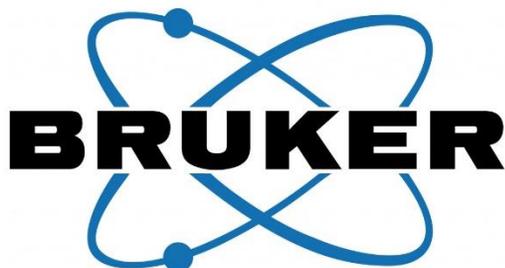
OREAS North America Inc.  
174 Douglas Street, Warehouse #2  
Sudbury, ON P3E 1G1 Canada  
Tel. (705) 479-1184 Ext. 2  
Contact: Chantal Jollette  
Manager (North America)  
E-mail: [chantal.jollette@oreas.ca](mailto:chantal.jollette@oreas.ca)  
Website: [www.oreas.ca](http://www.oreas.ca)



SGS Canada Inc.  
Suite E - 3260 Production Way  
Burnaby, BC V5A 4W4 Canada  
Tel. (604) 638-2349  
Contact: Andrew Pickering  
Director, Geochemistry, North America  
E-mail: [andrew.pickering@sgs.com](mailto:andrew.pickering@sgs.com)  
Website: [www.sgs.com](http://www.sgs.com)



Teck Metals Ltd. - Analytical Services  
PO Box 1000  
25 Aldridge Avenue  
Trail, BC V1R 4L8 Canada  
Tel. (250) 364-4587  
Contact: Richard Magner  
Superintendent, Analytical Services  
E-mail: [richard.magner@teck.com](mailto:richard.magner@teck.com)  
Website: [www.teck.com](http://www.teck.com)



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5465 East Cheryl Parkway  
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## **Call for Interest in Hosting A Future CMA Conference and Exhibition**

The CMA Conference and Exhibition relies on individuals and organizations to volunteer to organize and host the annual CMA Conference and Exhibition. The 2022 CMA Conference and Exhibition will be held in Pointe Claire (Montréal), QC and hosted by SCP Science.

If members, exhibitors or other interested parties are interested in hosting a CMA Conference and Exhibition in 2023 or future years, please contact Ed Debicki, Managing Secretary.

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## **Newsletter Submissions – Next Issue**

Submissions for the Canadian Mineral Analysts (CMA) Newsletter are always welcome. The next issue is scheduled for the summer 2021.

Submissions should be forwarded to Ed Debicki, Managing Secretary, no later than July 16, 2021.

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## **Members-only Page on CMA Website**

At the 2017 CMA Business Meeting held in Kamloops, BC, a decision was made to no longer produce a Conference DVD with delegate and exhibitor lists, technical papers, photographs, etc. The rationale for this decision was to eliminate the cost of producing and mailing the DVD, plus the changes in computer technology where many computers no longer have a DVD player.

In its place, a Members-only Page was established on the CMA website. The content consists of the list of delegates and exhibitors, technical papers, and photographs for each annual Conference starting with the 2017 CMA Conference. This page is accessible to CMA individual and corporate members, and the delegates and exhibitors of the annual CMA Conference and Exhibition. The Members-only page is accessible by username and password. Everyone eligible to access the Members-only page is sent the username and password by e-mail.

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## **CMA Individual and Corporate Memberships**

The 2021 CMA Conference and Exhibition scheduled for Montreal, October 17–21, 2021 has been CANCELLED due to COVID-19. As a result, the CMA will not generate any Conference revenue for 2021. It will be forced to rely heavily on funds from 2020–2021 memberships in order to fund its \$1,000 scholarships to students studying fire assaying and chemical engineering technology at Canadian colleges. These students are the future of our industry. The CMA is your organization, and your 2020–2021 membership is your way of supporting the CMA.

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### **CMA Individual Membership**

The Canadian Mineral Analysts (CMA) invites you everyone to become an Individual Member. The membership year runs from September 1, 2020 to August 31, 2021.

An Individual Membership Form and a copy of Benefits of Individual Membership can be found on the CMA website on the 'Individual Membership' page:

<http://www.canadianmineralanalysts.com/Individual-Membership.html>

Membership Fees are: Renewal / New: \$50; Senior (65 and over) / Inactive: \$25; Student: \$25. The completed Form and payment (cheque payable to 'Canadian Mineral Analysts') can be mailed to Ed Debicki, Managing Secretary, to the address on the Form. The Form also contains information on how the individual membership fee can be remitted using Interac e-Transfer.

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### **CMA Corporate Membership**

The Canadian Mineral Analysts (CMA) invites all companies and organizations to become a Corporate Member for 2020-2021. The membership year runs from September 1, 2020 to August 31, 2021.

A Corporate Membership Form and a copy of the Benefits of Corporate Membership can be found on the CMA website on the 'Corporate Membership' page:

<http://www.canadianmineralanalysts.com/Corporate-Membership.html>

The Corporate Membership Fee is \$500. The completed Form and payment (cheque payable to 'Canadian Mineral Analysts') can be mailed to Ed Debicki, Managing Secretary, to the address on the Form. The Form also contains information on how the corporate membership fee can be remitted using Interac e-Transfer.

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## Canadian Mineral Analysts (CMA)

The Canadian Mineral Analysts (CMA), formed in 1969, is comprised of:

1. Canadian earth science, mineral exploration and mining analytical laboratories in government, academic institutions, mining industry, and the private/commercial sector;
2. manufacturers and suppliers of instruments and equipment for analytical laboratories; and
3. suppliers of laboratory consumables.

The mission of the CMA is to 'communicate analytical technologies in the Canadian mining industry'.

The annual CMA Conference and Exhibition is held in the early fall in a different Canadian city. The first Conference was held in Rouyn–Noranda, Québec in 1969.

The CMA is a not-for-profit organization with membership dues and proceeds from the annual CMA Conference and Exhibition used to provide:

1. scholarships for Canadian college and university students studying fire-assaying and/or chemical engineering technology; and
2. equipment/instrument and program grants to qualified fire-assaying and/or chemical engineering technology programs in Canadian colleges and universities.

For individual and corporate membership information in the Canadian Mineral Analysts (CMA) visit the CMA website or contact:

Ed Debicki  
CMA Managing Secretary  
629 Ester Street  
Sudbury, ON P3E 5C6  
Tel. (705) 522-5140  
Cell: (705) 923-5383  
E-mail: ed.debicki@sympatico.ca

CMA website: [www.canadianmineralanalysts.com](http://www.canadianmineralanalysts.com)

An Individual Membership Form and a Corporate Membership Form, along with an outline of benefits in each membership category, are available on the CMA website.

Effective September 1, 2019, the membership year for individual and corporate memberships now runs from September 1<sup>st</sup> to August 31<sup>st</sup> of the following year. This makes the membership year more closely follow the dates for the annual CMA Conference and Exhibition which is traditionally held in mid-September. This will ensure that anyone purchasing a CMA membership as part of their CMA Conference registration will receive a full year membership in the CMA.

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## **Newsletter Credits**

This December 2020 CMA was put together by Ed Debicki, CMA Managing Secretary.

A large thank you goes to Ruth Debicki who applied her proof-reading and editorial skills to improve the Newsletter.

A special thank you goes to Sean Murry, George Feilders, Jonathan Forrest, Maureen Leaver, Scott Daniels, Richard Wagner, Johan Beetge, Anna Sawicki, Hadi Fergani, Annie Lévesque, Elaine Woo, Brianna Michielin, and the eleven 2020 - 2021 CMA Corporate Members for their contributions to the Newsletter.

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